

Mohd Zobir B Hussein

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

290
papers

8,009
citations

47
h-index

73
g-index

297
ext. papers

9,376
ext. citations

4.5
avg, IF

6.51
L-index

#	Paper	IF	Citations
290	The effect of surfactant type on the physico-chemical properties of hexaconazole/dazomet-micelle nanodelivery system and its biofungicidal activity against <i>Ganoderma boninense</i> . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 640, 128402	5.1	0
289	Nanomaterials for the Treatment of Heavy Metal Contaminated Water.. <i>Polymers</i> , 2022 , 14,	4.5	5
288	Preparation, characterization, drug release and anti-inflammatory of thymoquinone-loaded chitosan nanocomposite.. <i>Saudi Pharmaceutical Journal</i> , 2022 , 30, 347-358	4.4	1
287	Phytochemicals Profiling, Antimicrobial Activity and Mechanism of Action of Essential Oil Extracted from Ginger (<i>Zingiber officinale</i> Roscoe cv. Bentong) against <i>Burkholderia glumae</i> Causative Agent of Bacterial Panicle Blight Disease of Rice. <i>Plants</i> , 2022 , 11, 1466	4.5	1
286	Functionalized Activated Carbon Derived from Palm Kernel Shells for the Treatment of Simulated Heavy Metal-Contaminated Water. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
285	A Novel Para-Amino Salicylic Acid Magnesium Layered Hydroxide Nanocomposite Anti-Tuberculosis Drug Delivery System with Enhanced in vitro Therapeutic and Anti-Inflammatory Properties. <i>International Journal of Nanomedicine</i> , 2021 , 16, 7035-7050	7.3	0
284	Characterization of Betulinic Acid-Multiwalled Carbon Nanotubes Modified with Hydrophilic Biopolymer for Improved Biocompatibility on NIH/3T3 Cell Line. <i>Polymers</i> , 2021 , 13,	4.5	8
283	Graphene Oxide Loaded with Protocatechuic Acid and Chlorogenic Acid Dual Drug Nanodelivery System for Human Hepatocellular Carcinoma Therapeutic Application. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
282	Some Emerging Opportunities of Nanotechnology Development for Soilless and Microgreen Farming. <i>Agronomy</i> , 2021 , 11, 1213	3.6	10
281	The effect of swellable carboxymethyl cellulose coating on the physicochemical stability and release profile of a zinc hydroxide nitrate/sodium dodecylsulphate/imidacloprid. <i>Chemical Physics Impact</i> , 2021 , 2, 100017	1.6	1
280	Mesoporous ZnO/ZnAl ₂ O ₄ mixed metal oxide-based Zn/Al layered double hydroxide as an effective anode material for visible light photodetector. <i>Materials Science in Semiconductor Processing</i> , 2021 , 121, 105370	4.3	10
279	Drug delivery system based on magnetic iron oxide nanoparticles coated with (polyvinyl alcohol-zinc/aluminium-layered double hydroxide-sorafenib). <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 733-747	6.1	16
278	Polymeric Nanocomposite-Based Herbicide of Carboxymethyl Cellulose Coated-Zinc/Aluminium Layered Double Hydroxide-Quinclorac: A Controlled Release Purpose for Agrochemicals. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 1817-1834	4.5	2
277	Anticancer Molecular Mechanism of Protocatechuic Acid Loaded on Folate Coated Functionalized Graphene Oxide Nanocomposite Delivery System in Human Hepatocellular Carcinoma. <i>Materials</i> , 2021 , 14,	3.5	3
276	Synthesis and Characterization of Chitosan-Based Nanodelivery Systems to Enhance the Anticancer Effect of Sorafenib Drug in Hepatocellular Carcinoma and Colorectal Adenocarcinoma Cells. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
275	Dual-Functional Iron Oxide Nanoparticles Coated with Polyvinyl Alcohol/5-Fluorouracil/Zinc-Aluminium-Layered Double Hydroxide for a Simultaneous Drug and Target Delivery System. <i>Polymers</i> , 2021 , 13,	4.5	2
274	Chlorambucil-Iron Oxide Nanoparticles as a Drug Delivery System for Leukemia Cancer Cells. <i>International Journal of Nanomedicine</i> , 2021 , 16, 6205-6216	7.3	2

273	Nanomaterials-Upconverted Hydroxyapatite for Bone Tissue Engineering and a Platform for Drug Delivery. <i>International Journal of Nanomedicine</i> , 2021 , 16, 6477-6496	7.3	10
272	Trends in Nanotechnology and Its Potentialities to Control Plant Pathogenic Fungi: A Review. <i>Biology</i> , 2021 , 10,	4.9	7
271	Hexaconazole-Micelle Nanodelivery System Prepared Using Different Surfactants for Ganoderma Antifungal Application. <i>Molecules</i> , 2021 , 26,	4.8	1
270	Engineered Nanomaterials: The Challenges and Opportunities for Nanomedicines. <i>International Journal of Nanomedicine</i> , 2021 , 16, 161-184	7.3	15
269	New synthesis of binate herbicide-interleaved anionic clay material: synthesis, characterization and simultaneous controlled-release properties. <i>Journal of Porous Materials</i> , 2021 , 28, 495-505	2.4	1
268	Release of a liver anticancer drug, sorafenib from its PVA/LDH- and PEG/LDH-coated iron oxide nanoparticles for drug delivery applications. <i>Scientific Reports</i> , 2020 , 10, 21521	4.9	10
267	The impact of a hygroscopic chitosan coating on the controlled release behaviour of zinc hydroxide nitrate/sodium dodecylsulphate/imidacloprid nanocomposites. <i>New Journal of Chemistry</i> , 2020 , 44, 9097-9108	3.6	2
266	Ecofriendly Approach for Treatment of Heavy-Metal-Contaminated Water Using Activated Carbon of Kernel Shell of Oil Palm. <i>Materials</i> , 2020 , 13,	3.5	9
265	Synthesis and characterisation of zinc hydroxides nitrates/sodium dodecyl sulphate fluazinam nano hosts for release properties. <i>Journal of Porous Materials</i> , 2020 , 27, 1467-1479	2.4	1
264	Cytoprotection, Genoprotection, and Dermal Exposure Assessment of Chitosan-Based Agronanofungicides. <i>Pharmaceutics</i> , 2020 , 12,	6.4	2
263	Evaluation of Curcumin-Encapsulated Chitosan Nanoparticles against Feline Infectious Peritonitis Virus and Pharmacokinetics Study in Cats. <i>BioMed Research International</i> , 2020 , 2020, 3012198	3	8
262	Nanocarrier-Based Therapeutics and Theranostics Drug Delivery Systems for Next Generation of Liver Cancer Nanodrug Modalities. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1437-1456	7.3	43
261	A Statistical Study on the Development of Metronidazole-Chitosan-Alginate Nanocomposite Formulation Using the Full Factorial Design. <i>Polymers</i> , 2020 , 12,	4.5	9
260	Chitosan-Based Agronanofungicides as a Sustainable Alternative in the Basal Stem Rot Disease Management. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 4305-4314	5.7	11
259	An Overview of the Oil Palm Industry: Challenges and Some Emerging Opportunities for Nanotechnology Development. <i>Agronomy</i> , 2020 , 10, 356	3.6	18
258	Chitosan-Based Agronanochemicals as a Sustainable Alternative in Crop Protection. <i>Molecules</i> , 2020 , 25,	4.8	64
257	Phytotoxicity of chitosan-based agronanofungicides in the vegetative growth of oil palm seedling. <i>PLoS ONE</i> , 2020 , 15, e0231315	3.7	10
256	The Intercalation Behaviour and Physico-Chemical Characterisation of Novel Intercalated Nanocomposite from Zinc/Aluminium Layered Double Hydroxides and Broadleaf Herbicide Clopyralid. <i>Chemistry and Chemical Technology</i> , 2020 , 14, 38-46	0.9	1

255	Surfactant-assisted imidacloprid intercalation of layered zinc hydroxide nitrate: synthesis, characterisation and controlled release formulation. <i>Journal of Porous Materials</i> , 2020 , 27, 473-486	2.4	4
254	The effect of surface area on the properties of shape-stabilized phase change material prepared using palm kernel shell activated carbon. <i>Scientific Reports</i> , 2020 , 10, 15047	4.9	3
253	Preparation, characterisation and biological evaluation of biopolymer-coated multi-walled carbon nanotubes for sustained-delivery of silibinin. <i>Scientific Reports</i> , 2020 , 10, 16941	4.9	4
252	Synthesis and Cytotoxicity Study of Magnetite Nanoparticles Coated with Polyethylene Glycol and Sorafenib-Zinc/Aluminium Layered Double Hydroxide. <i>Polymers</i> , 2020 , 12,	4.5	7
251	Morphological Changes and Cellular Uptake of Functionalized Graphene Oxide Loaded with Protocatechuic Acid and Folic Acid in Hepatocellular Carcinoma Cancer Cell. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
250	Synthesis and Technology of Nanoemulsion-Based Pesticide Formulation. <i>Nanomaterials</i> , 2020 , 10,	5.4	47
249	Residual analysis of chitosan-based agronofungicides as a sustainable alternative in oil palm disease management. <i>Scientific Reports</i> , 2020 , 10, 22323	4.9	3
248	Carboxymethylcellulose-coated magnesium-layered hydroxide nanocomposite for controlled release of 3-(4-methoxyphenyl)propionic acid. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 3974-3987	5.9	1
247	Controlled release formulation of zinc hydroxide nitrate intercalated with sodium dodecylsulphate and bispyribac anions: A novel herbicide nanocomposite for paddy cultivation. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 4513-4527	5.9	5
246	Chlorogenic acid intercalated GadoliniumZinc/Aluminium layered double hydroxide and gold nanohybrid for MR imaging and drug delivery. <i>Materials Chemistry and Physics</i> , 2020 , 240, 122232	4.4	19
245	Adsolubilisation of thiacloprid pesticide into the layered zinc hydroxide salt intercalated with dodecyl sulphate, for controlled release formulation. <i>Materials Research Innovations</i> , 2020 , 24, 279-288	1.9	2
244	The influence of chitosan coating on the controlled release behaviour of zinc/aluminium-layered double hydroxide-quinclorac composite. <i>Materials Chemistry and Physics</i> , 2020 , 251, 123076	4.4	5
243	The Acute Effects of Oral Administration of Phytic Acid-Chitosan-Magnetic Iron Oxide Nanoparticles in Mice. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
242	Enhanced fungicidal efficacy on by simultaneous co-delivery of hexaconazole and dazomet from their chitosan nanoparticles.. <i>RSC Advances</i> , 2019 , 9, 27083-27095	3.7	16
241	Increased ROS Scavenging and Antioxidant Efficiency of Chlorogenic Acid Compound Delivered via a Chitosan Nanoparticulate System for Efficient In Vitro Visualization and Accumulation in Human Renal Adenocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
240	Synthesis and Reactivities of Triphenyl Acetamide Analogs for Potential Nonlinear Optical Material Uses. <i>Symmetry</i> , 2019 , 11, 622	2.7	4
239	A Potent Antifungal Agent for Basal Stem Rot Disease Treatment in Oil Palms Based on Chitosan-Dazomet Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
238	Dual Drugs Anticancer Nanoformulation using Graphene Oxide-PEG as Nanocarrier for Protocatechuic Acid and Chlorogenic Acid. <i>Pharmaceutical Research</i> , 2019 , 36, 91	4.5	28

237	Characterization of thymoquinone/hydroxypropyl-β-cyclodextrin inclusion complex: Application to anti-allergy properties. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 133, 167-182	5.1	28
236	Preparation and characterization of ZnO/ZnAl ₂ O ₄ -mixed metal oxides for dye-sensitized photodetector using Zn/Al-layered double hydroxide as precursor. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	12
235	Aerospace applications of graphene nanomaterials 2019 ,		1
234	Physicochemical properties of hydroxyapatite/montmorillonite nanocomposite prepared by powder sintering. <i>Results in Physics</i> , 2019 , 15, 102540	3.7	11
233	The Impact of Magnesium-Aluminum-Layered Double Hydroxide-Based Polyvinyl Alcohol Coated on Magnetite on the Preparation of Core-Shell Nanoparticles as a Drug Delivery Agent. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
232	Synthesis and properties of magnetic nanotheranostics coated with polyethylene glycol/5-fluorouracil/layered double hydroxide. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6661-6678	7.3	17
231	Preparation of Chitosan-Hexaconazole Nanoparticles as Fungicide Nanodelivery System for Combating Disease in Oil Palm. <i>Molecules</i> , 2019 , 24,	4.8	31
230	Carbon Nanotube-Quicklime Nanocomposites Prepared Using a Nickel Catalyst Supported on Calcium Oxide Derived from Carbonate Stones. <i>Nanomaterials</i> , 2019 , 9,	5.4	4
229	RELEASE BEHAVIOR OF DICHLORPROP FROM ZN/AL-LDH-DICHLORPROP NANOCOMPOSITE INTO CHLORIDE, CARBONATE AND PHOSPHATE SOLUTIONS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2019 , 81,	1.2	1
228	Carbon Nanomaterials for the Treatment of Heavy Metal-Contaminated Water and Environmental Remediation. <i>Nanoscale Research Letters</i> , 2019 , 14, 341	5	98
227	Development of New Carbon-Based Electrode Material from Oil Palm Waste-Derived Reduced Graphene Oxide and Its Capacitive Performance Evaluation. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-13	3.2	5
226	Palm Kernel Shell as an effective adsorbent for the treatment of heavy metal contaminated water. <i>Scientific Reports</i> , 2019 , 9, 18955	4.9	41
225	Activated Carbon for Shape-Stabilized Phase Change Material 2019 , 279-308		2
224	Synthesis and characterization of mesoporous zinc layered hydroxide-isoprocarb nanocomposite. <i>Journal of Saudi Chemical Society</i> , 2019 , 23, 486-493	4.3	7
223	Preparation and characterisation of novel paddy cultivation herbicide nanocomposite from zinc/aluminium layered double hydroxide and quinclorac anion** This research showed that the quinclorac (QC) can be intercalated into the interlayer gallery of Zn/Al-layered double hydroxide via co-precipitation method. This method is the simplest and economical method which uses Zn(NO ₃) ₂ ,	1.9	5
222	Préparation of zinc-layered hydroxide-ferulate and coated zinc layered hydroxide-ferulate nanocomposites for controlled release of ferulic acid. <i>Materials Research Innovations</i> , 2019 , 23, 233-245	1.9	5
221	Evaluate the Cytotoxicity of Kojic Acid Nanocomposites on Melanoma Cells and Normal Cells of the Skin. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 2018 , 36, 45-55	0.6	3
220	Synthesis and characterization of protocatechuic acid-loaded gadolinium-layered double hydroxide and gold nanocomposite for theranostic application. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 973-986	3.3	11

219	Synthesis of (Hexaconazole-Zinc/Aluminum-Layered Double Hydroxide Nanocomposite) Fungicide Nanodelivery System for Controlling Ganoderma Disease in Oil Palm. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 806-813	5.7	15
218	Preparation of chitosan nanoparticles as a drug delivery system for perindopril erbumine. <i>Polymer Composites</i> , 2018 , 39, 544-552	3	19
217	The effect of ion exchange and co-precipitation methods on the intercalation of 3-(4-methoxyphenyl)propionic acid into layered zinc hydroxide nitrate. <i>Journal of Porous Materials</i> , 2018 , 25, 249-258	2.4	4
216	Structural, optical and electrical properties of ZnO/ZnAl ₂ O ₄ nanocomposites prepared via thermal reduction approach. <i>Journal of Materials Science</i> , 2018 , 53, 581-590	4.3	12
215	Designing of the Anticancer Nanocomposite with Sustained Release Properties by Using Graphene Oxide Nanocarrier with Phenethyl Isothiocyanate as Anticancer Agent. <i>Pharmaceutics</i> , 2018 , 10,	6.4	14
214	Carbon-Based Nanomaterials/Allotropes: A Glimpse of Their Synthesis, Properties and Some Applications. <i>Materials</i> , 2018 , 11,	3.5	148
213	Graphene Oxide as a Nanocarrier for a Theranostics Delivery System of Protocatechuic Acid and Gadolinium/Gold Nanoparticles. <i>Molecules</i> , 2018 , 23,	4.8	20
212	Improved Anticancer Effect of Magnetite Nanocomposite Formulation of GALLIC Acid (Fe ₃ O ₄ /PEG-GA) Against Lung, Breast and Colon Cancer Cells. <i>Nanomaterials</i> , 2018 , 8,	5.4	26
211	Incorporation of Levodopa into Biopolymer Coatings Based on Carboxylated Carbon Nanotubes for pH-Dependent Sustained Release Drug Delivery. <i>Nanomaterials</i> , 2018 , 8,	5.4	12
210	Thermal, structural, textural and optical properties of ZnO/ZnAl ₂ O ₄ mixed metal oxide-based Zn/Al layered double hydroxide. <i>Materials Research Express</i> , 2018 , 5, 116202	1.7	8
209	Electrochemical Energy Storage Potentials of Waste Biomass: Oil Palm Leaf- and Palm Kernel Shell-Derived Activated Carbons. <i>Energies</i> , 2018 , 11, 3410	3.1	11
208	Synthesis of Dazomet-Zinc/Aluminum-Layered Double Hydroxide Nanocomposite and Its Phytotoxicity Effect on Oil Palm Seed Growth. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 16064-16072	8.2	10
207	Nanolayered composite with enhanced ultraviolet ray absorption properties from simultaneous intercalation of sunscreen molecules. <i>International Journal of Nanomedicine</i> , 2018 , 13, 6359-6374	7.3	8
206	Graphene Oxide/PEG/Protocatechuic Acid Nanocomposite Formulation with Improved Anticancer Properties. <i>Nanomaterials</i> , 2018 , 8,	5.4	25
205	In vitro cellular localization and efficient accumulation of fluorescently tagged biomaterials from monodispersed chitosan nanoparticles for elucidation of controlled release pathways for drug delivery systems. <i>International Journal of Nanomedicine</i> , 2018 , 13, 5075-5095	7.3	11
204	Palm Kernel Shell Activated Carbon as an Inorganic Framework for Shape-Stabilized Phase Change Material. <i>Nanomaterials</i> , 2018 , 8,	5.4	27
203	Controlled release formulation of an anti-depression drug based on a L-phenylalanate-zinc layered hydroxide intercalation compound. <i>Journal of Physics and Chemistry of Solids</i> , 2017 , 105, 35-44	3.9	6
202	Copper oxide nanoparticles-loaded zeolite and its characteristics and antibacterial activities. <i>Journal of Materials Science and Technology</i> , 2017 , 33, 889-896	9.1	73

201	Graphene oxide as a nanocarrier for controlled release and targeted delivery of an anticancer active agent, chlorogenic acid. <i>Materials Science and Engineering C</i> , 2017 , 74, 177-185	8.3	71
200	Synthesis and Characterization of Cockle Shell-Based Calcium Carbonate Aragonite Polymorph Nanoparticles with Surface Functionalization. <i>Journal of Nanoparticles</i> , 2017 , 2017, 1-12		12
199	Gadolinium-based layered double hydroxide and graphene oxide nano-carriers for magnetic resonance imaging and drug delivery. <i>Chemistry Central Journal</i> , 2017 , 11, 47		38
198	Synthesis, characterization and controlled release properties of zinc/aluminium-beta-naphthoxyacetate nanocomposite. <i>Journal of Porous Materials</i> , 2017 , 24, 573-582	2.4	1
197	Surface-functionalized cockle shell-based calcium carbonate aragonite polymorph as a drug nanocarrier. <i>Nanotechnology, Science and Applications</i> , 2017 , 10, 79-94	3.9	6
196	Induction of a robust immune response against avian influenza virus following transdermal inoculation with H5-DNA vaccine formulated in modified dendrimer-based delivery system in mouse model. <i>International Journal of Nanomedicine</i> , 2017 , 12, 8573-8585	7.3	20
195	Sustained release of anticancer agent phytic acid from its chitosan-coated magnetic nanoparticles for drug-delivery system. <i>International Journal of Nanomedicine</i> , 2017 , 12, 2361-2372	7.3	65
194	Nano-Formulation of Ethambutol with Multifunctional Graphene Oxide and Magnetic Nanoparticles Retains Its Anti-Tubercular Activity with Prospects of Improving Chemotherapeutic Efficacy. <i>Molecules</i> , 2017 , 22,	4.8	14
193	Oil Palm Waste-Based Precursors as a Renewable and Economical Carbon Sources for the Preparation of Reduced Graphene Oxide from Graphene Oxide. <i>Nanomaterials</i> , 2017 , 7,	5.4	32
192	Gadolinium-Doped Gallic Acid-Zinc/Aluminium-Layered Double Hydroxide/Gold Theranostic Nanoparticles for a Bimodal Magnetic Resonance Imaging and Drug Delivery System. <i>Nanomaterials</i> , 2017 , 7,	5.4	15
191	Novel Anti-Tuberculosis Nanodelivery Formulation of Ethambutol with Graphene Oxide. <i>Molecules</i> , 2017 , 22,	4.8	15
190	New DC conductivity spectra of Zn/Al layered double hydroxide (Zn/Al-LDH) and its calcined product of ZnO phase. <i>AIMS Materials Science</i> , 2017 , 4, 670-679	1.9	2
189	Simultaneous intercalation and release of 2,4-dichloro- and 4-chloro-phenoxy acetates into Zn/Al layered double hydroxide. <i>Arabian Journal of Chemistry</i> , 2016 , 9, S1457-S1463	5.9	13
188	Graphene Oxide-Gallic Acid Nanodelivery System for Cancer Therapy. <i>Nanoscale Research Letters</i> , 2016 , 11, 491	5	42
187	Effect of zinc oxide amounts on the properties and antibacterial activities of zeolite/zinc oxide nanocomposite. <i>Materials Science and Engineering C</i> , 2016 , 68, 505-511	8.3	70
186	Physicochemical Study of 3,4-Dichlorophenoxyacetic Acid Intercalated into Hydrotalcite-Like Compound by Ion Exchanged Method. <i>Materials Science Forum</i> , 2016 , 846, 440-447	0.4	1
185	Synthesis and Optimization of Electric Conductivity and Thermal Diffusivity of Zinc-Aluminum Hydroxide (Zn/Al-LDH) Prepared at Different pH Values. <i>Materials Today: Proceedings</i> , 2016 , 3, 130-144	1.4	6
184	Biocompatible polymers coated on carboxylated nanotubes functionalized with betulinic acid for effective drug delivery. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 26	4.5	22

183	Controlled In Vitro Release of the Anticancer Drug Chlorogenic Acid Using Magnesium/Aluminium-Layered Double Hydroxide as a Nanomatrix. <i>Science of Advanced Materials</i> , 2016 , 8, 501-513	2.3	16
182	Development of Tat-Conjugated Dendrimer for Transdermal DNA Vaccine Delivery. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016 , 19, 325-338	3.4	21
181	Synthesis, characterization, and efficacy of antituberculosis isoniazid zinc aluminum-layered double hydroxide based nanocomposites. <i>International Journal of Nanomedicine</i> , 2016 , 11, 3225-37	7.3	14
180	Synthesis and Characteristics of Valeric Acid-Zinc Layered Hydroxide Intercalation Material for Insect Pheromone Controlled Release Formulation. <i>Journal of Materials</i> , 2016 , 2016, 1-9		4
179	Folic acid targeted Mn:ZnS quantum dots for theranostic applications of cancer cell imaging and therapy. <i>International Journal of Nanomedicine</i> , 2016 , 11, 413-28	7.3	56
178	Development of a novel nanocomposite consisting of 3-(4-methoxyphenyl)propionic acid and magnesium layered hydroxide for controlled-release formulation. <i>Journal of Experimental Nanoscience</i> , 2016 , 11, 776-797	1.9	3
177	Synthesis of dual herbicides-intercalated hydrotalcite-like nanohybrid compound with simultaneous controlled release property. <i>Journal of Porous Materials</i> , 2015 , 22, 473-480	2.4	3
176	Acute oral toxicity and biodistribution study of zinc-aluminium-levodopa nanocomposite. <i>Nanoscale Research Letters</i> , 2015 , 10, 105	5	15
175	Influence of sodium dodecyl sulfate concentration on the photocatalytic activity and dielectric properties of intercalated sodium dodecyl sulfate into ZnCdAl layered double hydroxide. <i>Materials Research Bulletin</i> , 2015 , 62, 122-131	5.1	21
174	Synthesis of protocatechuic acid/zinc/aluminium layered double hydroxide nanocomposite as an anticancer nanodelivery system. <i>Journal of Solid State Chemistry</i> , 2015 , 221, 21-31	3.3	39
173	Effect of unmodified rice straw on the properties of rice straw/polycaprolactone composites. <i>Research on Chemical Intermediates</i> , 2015 , 41, 6371-6384	2.8	4
172	Release behaviour and toxicity evaluation of levodopa from carboxylated single-walled carbon nanotubes. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 243-53	3	25
171	Systemic antibody response to nano-size calcium phosphate biocompatible adjuvant adsorbed HEV-71 killed vaccine. <i>Clinical and Experimental Vaccine Research</i> , 2015 , 4, 88-98	1.9	9
170	Enhanced anti-inflammatory potential of cinnamate-zinc layered hydroxide in lipopolysaccharide-stimulated RAW 264.7 macrophages. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2475-84	4.4	12
169	Inorganic nanolayers: structure, preparation, and biomedical applications. <i>International Journal of Nanomedicine</i> , 2015 , 10, 5609-33	7.3	43
168	The ability of streptomycin-loaded chitosan-coated magnetic nanocomposites to possess antimicrobial and antituberculosis activities. <i>International Journal of Nanomedicine</i> , 2015 , 10, 3269-74	7.3	51
167	Evaluation of Controlled-Release Property and Phytotoxicity Effect of Insect Pheromone Zinc-Layered Hydroxide Nanohybrid Intercalated with Hexanoic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 10893-902	5.7	11
166	Activated carbon derived from peat soil as a framework for the preparation of shape-stabilized phase change material. <i>Energy</i> , 2015 , 82, 468-478	7.9	37

165	Drug delivery system for an anticancer agent, chlorogenate-Zn/Al-layered double hydroxide nanohybrid synthesised using direct co-precipitation and ion exchange methods. <i>Journal of Solid State Chemistry</i> , 2014 , 217, 31-41	3.3	55
164	The in vitro therapeutic activity of betulinic acid nanocomposite on breast cancer cells (MCF-7) and normal fibroblast cell (3T3). <i>Journal of Materials Science</i> , 2014 , 49, 8171-8182	4.3	19
163	Effect of graphene nanoplatelets as nanofiller in plasticized poly(lactic acid) nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 118, 1551-1559	4.1	40
162	Preparation and properties of poly(vinyl alcohol)/chitosan blend bio-nanocomposites reinforced by cellulose nanocrystals. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 1620-1627	3.5	23
161	Arginine-chitosan- and arginine-polyethylene glycol-conjugated superparamagnetic nanoparticles: Preparation, cytotoxicity and controlled-release. <i>Journal of Biomaterials Applications</i> , 2014 , 29, 186-198	2.9	8
160	An Electrochemical Biosensor for the Determination of Ganoderma boninense Pathogen Based on a Novel Modified Gold Nanocomposite Film Electrode. <i>Analytical Letters</i> , 2014 , 47, 819-832	2.2	8
159	Layered double hydroxide nanocomposite for drug delivery systems; bio-distribution, toxicity and drug activity enhancement. <i>Chemistry Central Journal</i> , 2014 , 8, 47		56
158	Toxicity evaluation of zinc aluminium levodopa nanocomposite via oral route in repeated dose study. <i>Nanoscale Research Letters</i> , 2014 , 9, 261	5	6
157	Characterization and in vitro studies of the anticancer effect of oxidized carbon nanotubes functionalized with betulinic acid. <i>Drug Design, Development and Therapy</i> , 2014 , 8, 2333-43	4.4	32
156	Synthesis, characterization, and antimicrobial activity of an ampicillin-conjugated magnetic nanoantibiotic for medical applications. <i>International Journal of Nanomedicine</i> , 2014 , 9, 3801-14	7.3	71
155	Preparation and properties of poly(vinyl alcohol)/chitosan blend bionanocomposites reinforced with cellulose nanocrystals/ZnO-Ag multifunctional nanosized filler. <i>International Journal of Nanomedicine</i> , 2014 , 9, 1909-17	7.3	66
154	Novel kojic acid-polymer-based magnetic nanocomposites for medical applications. <i>International Journal of Nanomedicine</i> , 2014 , 9, 351-62	7.3	23
153	Release behavior and toxicity profiles towards leukemia (WEHI-3B) cell lines of 6-mercaptapurine-PEG-coated magnetite nanoparticles delivery system. <i>Scientific World Journal, The</i> , 2014 , 2014, 972501	2.2	4
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